

# TOROSCARB® 95T

**Product Specifications** Natural, ultra fine calcium carbonate manufactured from high purity and whiteness limestone. High technology surface coating is applied. (coated calcite)

**Raw Material** NIĞDE / TURKEY

| Chemical Properties            | Value    |
|--------------------------------|----------|
| CaCO <sub>3</sub>              | > 99,5 % |
| MgCO <sub>3</sub>              | < 0,20 % |
| Fe <sub>2</sub> O <sub>3</sub> | < 0,01 % |
| SiO <sub>2</sub>               | < 0,01 % |
| Al <sub>2</sub> O <sub>3</sub> | < 0,02 % |
| HCl insoluble content          | < 0,01 % |

| Physical Properties  | Value                  |
|----------------------|------------------------|
| Density (ISO 787-10) | 2,7 gr/cm <sup>3</sup> |
| Hardness             | 3 Mohs                 |
| Refractive Index     | 1,59                   |

| General Properties                                       | Value       |
|--|-------------|
| Lightness , L* (ASTM E-313) Elrepho 450X <sub>min.</sub> | 98 %        |
| Brightness (Ry, DIN 53163) Elrepho 450X <sub>min.</sub>  | 96 %        |
| Moisture-Exworks (ISO 787-2) max.                        | 0,3 %       |
| pH (ISO 787-9)   | 9           |
| Oil Absorption (ISO 787-5)                               | 19 g/100 g  |
| Dop Absorption (ISO 787-5)                               | 24 g /100 g |
| Packed Bulk Densty (ISO 787-11)                          | 0,8 g/ml    |

**Main Applications** Paper, paint, plastic, pvc granule, pvc profile and wick applications, cable, chemicals, rubber, insulation materials... etc.

**Packaging** 25 kg kraft paper bags, as bulk in big-bags.

## Particle Size Distribution

|   |        |
|---|--------|
| d50 (mean particle size)                | 1,3 µm |
| max.                                    |        |
| d97 (top-cut) max.                      | 4 µm   |
| Under 2 µm particles(min.)              | 80 %   |
| Residue on 45 µm sieve (ISO 787-7) max. | 0,01 % |



